



Patent
Attorney File No. 612,404-384
[formerly Docket No. 267/156]

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04/24/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

YING HUANG ET AL

Serial No. 10/072,660

Filed: February 6, 2002

For: Dielectrophoretic Separation &
Immunoassay Methods on Active
Programmable Devices

Group Art Unit: 1753

Examiner: K. Olsen

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TC 1700

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. The accompanying Form PTO-1449 provides a listing of documents that may be relevant to the subject application.

It is requested that the Examiner fully consider the art cited in the accompanying Form 1449, initial the left-most column of the form adjacent each cited reference, and return a copy for Applicants' records. It is further requested that the art be cited on the cover of any patent issuing from the subject application.

CERTIFICATE OF MAILING (37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

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Apr 10, 03

Denise Doss
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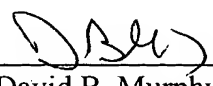
In accordance with §1.97(b), this Information Disclosure Statement is being filed before the mailing of a first Office Action on the merits of the above-identified application, and therefore no fee is required. If a first Office Action has been mailed, then please enter this Information Disclosure Statement and charge Deposit Account No. 12-2475 for any necessary fees.

In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the Patent and Trademark Office in prior Application Serial No. 08/xxx,xxx for which a claim for priority under 35 U.S.C. §120 has been made in the instant application. Accordingly, Applicants will provide duplicate copies in respect of the present case only if the Examiner so desires.

This statement should not be construed as a representation that more material information does not exist or that an exhaustive search of the relevant art has been made. Nor does this statement constitute an admission by Applicants or Applicants' agent that the information provided herein is necessarily prior art to Applicants' invention. Moreover, Applicants reserve the right to establish the patentability of the claimed invention over any of the listed documents should they be applied there-against as references. Please charge any deficiency or credit any overpayment to Deposit Account No. 50-0639.

Respectfully submitted,

O'MELVENY & MYERS LLP

By: 
David B. Murphy
Reg. No. 31,125

Dated: April 10, 2003
DBM/vcm/dnd
IR1:1041898.1



34263

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**LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

ATTY. DOCKET NO.
612,404-384 (formerly
267/156)

SERIAL NO.
10/072,660

APPLICANT:
Ying Huang et al.

FILING DATE:
February 6, 2002

GROUP:
1741

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE |
|---------------------|-----------------|-------|-----------------|-------|--------------|----------------|
| | US-3627137 | 12/71 | Bier | 210 | 321 | 10/68 |
| | US-4617102 | 10/86 | Tomblin et al | 204 | 299 | 03/85 |
| | US-4737259 | 04/88 | Ogawa et al | 204 | 299 | 12/86 |
| | US-4936963 | 06/90 | Mandecki et al | 204 | 182.8 | 05/89 |
| | US-5078853 | 01/92 | Manning et al | 204 | 299 | 03/91 |
| | US-5427664 | 06/95 | Stoev et al | 204 | 182.3 | 07/93 |
| | US-5593580 | 01/97 | Kopf | 210 | 321.75 | 03/95 |
| | US-5728267 | 03/98 | Flaherty | 210 | 321.67 | 11/94 |
| | US-6048690 | 04/00 | Heller et al | 435 | 006 | 05/97 |
| | US-6051380 | 04/00 | Sosnowski et al | 435 | 006 | 12/97 |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION YES NO |
|---------------------|-----------------|-------|--------------------------|-------|--------------|-----------------------|
| | DE 2051715A | 04/72 | Germany (Max Planck Ges) | | | |
| | GB 1359944A | 07/74 | GB (Miles Labs) | | | |
| | GB 2118975A | 11/83 | GB (Nishizawa) | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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|--|--|
| | CHENG, J., et al. "Preparation and Hybridization Analysis of DNA/RNA From E.coli On Microfabricated Bioelectronic Chips", Nature/Biotechnology, 16, pp. 541-546 (1998) |
| | GILLES, P.N., et al. "Single Nucleotide Polymorphic Discrimination By An Electronic Dot Blot Assay On Semiconductor Chips", Nature/Biotechnology v. 17, #4, pp. 365-370 (1999) |
| | HELLER, M.J. "An Active Microelectronics Device For Multiplex Analysis", IEEE Engineering in Medicine and Biology, pp. 100-104 (March/April 1996). |
| | HUANG, Y., et al. "Electric Manipulation of Bioparticles and Macromolecules on Microfabricated Electrodes" Analytical Chemistry, v.73, n.7, pp. 1549-1559 (2001) |

EXAMINER:
Not Yet Assigned

DATE CONSIDERED:

EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant

FORM PTO-1449

ATTY. DOCKET NO.
612,404-384 (formerly
267/156)SERIAL NO.
10/072,660APPLICANT:
Ying Huang et al.FILING DATE:
February 6, 2002GROUP:
1741STATEMENT OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

MANZ, A., et al., "Miniaturized Total Chemical Analysis System: A Novel Concept for Chemical Sensing" Sensors and Actuators B1, pp. 244-248 (1990)

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